

IN THE CLAIMS:

Claim 1 has been amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A system for selectively depositing a material on a previously formed workpiece, comprising:
a platform for supporting the workpiece including a semiconductor die during a deposition process;
a deposition system configured to deposit a material on the workpiece to a specific thickness; and
a sensing system configured to substantially simultaneously measure over the semiconductor die both a level of an upper surface of the workpiece and a surface level of a ~~including a previous~~ material previously deposited thereon, the sensing system further configured to continuously directly measure in a dimension substantially orthogonal to the platform a surface level during material deposition of the material on the upper surface according to direct measurements in the dimension substantially orthogonal to the platform until the surface level of the material is directly measured to be the specific thickness.
2. (Previously Presented) The system of claim 1, wherein the deposition system is a spin-coating deposition system.
3. (Previously Presented) The system of claim 2, wherein the sensing system includes a sensor for both measuring the upper surface of the workpiece and for monitoring the surface level of the material deposited on the upper surface of the workpiece.

4. (Previously Presented) The system of claim 2, wherein the sensing system includes a first sensor for measuring the upper surface of the workpiece and a second sensor for monitoring the surface level of the material deposited on the upper surface of the workpiece.

5-7. (Canceled).

8. (Previously Presented) The system of claim 1, wherein the workpiece is a semiconductor wafer.

9-29. (Canceled).